

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	("20010055812"   "20040011650"   "5726026"   "5900481"   "5928880"   "6184029"   "6270970"   "6272939"   "6319469"   "7060171"   "7294503").PN.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 09:33
L2	24	((MICHIIHIRO) near2 (OHNISHI)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/08 09:33
L3	1	((KEISUKE) near2 (MORISHIMA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/08 09:33
L4	46	((TAKEHIKO) near2 (KITAMORI)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/08 09:33
L5	69	2 or 3 or 4	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 09:34
L6	7	5 and (\$5bead or \$5particle or microsphere or nanosphere) same (\$5channel or groove or trough)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 09:35
L7	2	"6432290".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 09:38
L8	14	("6432290").URPN.	USPAT	OR	ON	2009/12/08 09:50
L9	4	8 and (\$5bead or \$5particle or microsphere or nanosphere) same (\$5channel or groove or trough)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 10:02

L10	9	1 and (\$5bead or \$5particle or microsphere or nanosphere) same (\$5channel or groove or trough)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 10:02
L11	13	9 or 10	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 10:02
L12	8	11 and (\$5bead or \$5particle or microsphere or nanosphere) near5 (trap\$5 or restrain\$5 or restrict\$5 or prevent \$5 or block\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 10:03
L13	0	11 and (\$5bead or \$5particle or microsphere or nanosphere) near5 (trap\$5 or restrain\$5 or restrict\$5 or prevent \$5 or block\$3) same (size or shape or diameter)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 10:03
L14	743	(\$5bead or \$5particle or microsphere or nanosphere) near5 (trap\$5 or restrain\$5 or restrict\$5 or prevent \$5 or block\$3) same (size or shape or diameter) same (\$5channel or groove or trough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 10:13
L15	216	14 and (move\$1 or movable or pinch\$3 or moving or narrow\$4) same (size or diameter) same (\$5channel or groove or trough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 10:15
L16	220	14 and (move\$1 or movable or pinch\$3 or moving or narrow\$4) near5 (\$5channel or groove or trough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 10:16

L17	224	14 and (move\$1 or movable or pinch\$3 or moving or narrow\$4 or squeez\$4) near5 (\$5channel or groove or trough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 10:16
L18	144	17 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 10:16
L19	119	("20010027745"   "20020014673"   "20020037499"   "20020045297"   "20030008308"   "20030080442"   "20030138829"   "20040115838"   "20040248167"   "20050037471"   "20050053952"   "20050123947"   "20050197652"   "20050221373"   "2656508"   "3560754"   "3570515"   "3747628"   "4046159"   "4119368"   "4153855"   "4245673"   "4373527"   "4434704"   "4575681"   "4581624"   "4585209"   "4662710"   "4675300"   "4786165"   "4898582"   "4908112"   "4963498"   "4992312"   "5032381"   "5085562"   "5088515"   "5096388"   "5126022"   "5126115"   "5140161"   "5164558"   "5164598"   "5171132"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 12:58

"5224843"
"5259737"
"5265327"
"5271724"
"5290240"
"5336062"
"5346372"
"5375979"
"5376252"
"5400741"
"5423287"
"5434049"
"5452878"
"5486335"
"5498392"
"5500071"
"5512131"
"5529465"
"5558998"
"5580523"
"5589136"
"5593130"
"5632876"
"5641400"
"5642015"
"5659171"
"5660370"
"5661222"
"5665070"
"5681024"
"5702618"
"5705018"
"5716852"
"5726751"
"5750015"
"5757482"
"5759014"
"5775371"
"5788468"
"5800690"
"5833926"
"5836750"
"5837200"
"5842787"
"5852495"
"5856174"
"5863801"
"5869004"
"5875817"
"5876187"
"5880071"
"5904824"
"5932799"
"5942443"

		"6007309" "6043080" "6123769" "6155282" "6174365" "6221654" "6246330" "6296673" "6345502" "6376971" "6409832" "6520936" "6540895" "6664104" "6667124" "6767706" "6833242" "6847153" "6960437" "7075162").PN.				
L20	37	19 and (pump\$4 or valv\$2) same (deform \$3 or flexible or constrict\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 12:58
L21	16	20 and (\$5bead or \$5particle or microsphere or nanosphere)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/12/08 12:59
L22	9	20 and (pump\$4 or valv\$2) same (\$5bead or \$5particle or microsphere or nanosphere)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 13:00
L23	9	21 and 22	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 13:01
L24	1	23 and protru\$7 near6 channel	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 13:23

### EAST Search History (Interference)

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12/ 8/ 09 2:03:06 PM

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Workspace (Flat Panel).wsp